

ENROLL US!

We Want to Be a Member in EPA's Voluntary National Waste Minimization Partnership Program



GENERAL INFORMATION

Company Name: Hewlett Packard
Facility Name: Aguadilla
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PARTNER AGREEMENT

Our organization/company is choosing to become a partner in EPA's National Waste Minimization Partnership Program. Our goal is to reduce the quantity of one or more Waste Minimization Priority Chemicals currently found in our hazardous and/or nonhazardous wastes using source reduction and/or recycling practices, in lieu of waste treatment or land disposal practices. In this enrollment application, we identify one or more voluntary waste minimization goals that we believe we can achieve as Partners in this Program. The voluntary goals provided below are initial estimates, and may change over time. We may revise our goals or withdraw from the program at any time. If/when choose to revise our goals or withdraw from the program, we will notify EPA.

GOAL #1: Chemical Name: _____ **CASRN:** 7439-92-1

Narrative description of proposed project (and the mechanism you will use to measure success): Our facility has a goal of maintaining our site as a small quantity generator, even after increasing our manufacturing activity over 300%. Specifically in the area of hazardous waste we have established a goal of reducing the amount of waste disposed of site by a combination of source reduction, increase recycling and development of alternate process that do not require the usage to toxic substances.

We monitor on a quarterly basis with our site management the success of the program in the EHS Quarterly reviews by reporting on the implementation of the various initiatives and reporting progress in achieving our goals. In addition to management updates on specific projects that are in the development process to keep us informed and incorporate as part of the site environmental initiatives.

- Our voluntary source reduction goal for Chemical #1 is to reduce the amount of this chemical generated in hazardous waste from a baseline amount of: Reduce to a minimum in Ongoing, to a reduced amount of _____ by _____
(x pounds generated/year) (month/year) (x pounds generated/ year) (month/year)
- To accomplish this goal, we will explore the following source reduction options: (Check all that apply)

| | | | |
|-------------------------------------|--|-------------------------------------|--|
| <input type="checkbox"/> | Equipment or technology modifications | <input checked="" type="checkbox"/> | Process or procedure modifications |
| <input type="checkbox"/> | Reformulation or redesign of products | <input checked="" type="checkbox"/> | Substitution of less toxic raw materials |
| <input checked="" type="checkbox"/> | Improvements in inventory control | <input checked="" type="checkbox"/> | Improvements in maintenance/housekeeping practices |
| <input checked="" type="checkbox"/> | Other (explain): <u>Among the specific projects we have implemented for source reduction are: Reduce the inventory to less than one month usage; Validate usage time frame outside of refrigerators of soldering paste to reduce disposal by expiration; Modify the nitrogen blanket over wave solders to reduce dross generation; Develop low temperature lead free soldering process that was shared with other industries. Our goal is to continue reducing the waste and continue the development of processes to reduce or eliminate the amount of lead in the soldering paste and soldering materials in the wave solders.</u> | | |
- Our (optional) voluntary recycling goal for Chemical #1 is to increase the amount of waste Chemical #1 recycled from a baseline amount of Increase Recycling in Ongoing, to an increased recycled quantity of _____ by _____
(x lbs/year) (month/year) (x lbs/year) (month/year)

4. To accomplish this recycling goal, we will explore: (check all that apply)

- | | | | |
|--------------------------|--|-------------------------------------|--|
| <input type="checkbox"/> | Direct use/reuse in a process to make a product | <input checked="" type="checkbox"/> | Process the waste to recover or regenerate a usable product |
| <input type="checkbox"/> | Use/reuse as a substitute for a commercial product | <input checked="" type="checkbox"/> | Other (explain): <u>Increase the amount of recuperation. Remove paste residues of jars for recycling before disposing and hazardous waste. Increase the amount of dross recuperation from wave solders. We have increased the amount of lead from soldering paste and dross from 14,700 pounds in 1999 to 25,908 pounds in 2002.</u> |

Authorizing Official: Juan Berrios, EHS Manager Date: July 30, 2003

Project Contact (if different from Company Official): _____ Phone: _____

NOTE TO PROSPECTIVE PARTNERS: Use supplemental sheets to set goals for additional short term and/or long term goals.

SUPPLEMENTAL GOAL SHEET: WASTE MINIMIZATION VOLUNTARY PARTNERSHIP PROGRAM

GOAL # 2 : Chemical Name: Lead **CASRN:** 7439-92-1

Narrative description of proposed project (and the mechanism you will use to measure success): The project will take mercury contaminated lead glass from the production of fluorescent lamps and remove the mercury from the glass in a distillation unit. The lead will be recycled once the mercury is distilled from the glass.

1. Our voluntary source reduction goal for Chemical # 2 is to reduce the amount of this chemical generated in hazardous waste from a baseline amount of: 18.086 in 01/2003, to a reduced amount of 0 lbs, by December, 2006.
(x pounds generated/yr) (month/year) (x pounds generated/ yr) (month/year)

2. To accomplish this goal, we will explore the following source reduction options: (Check all that apply)
 Equipment or technology modifications Process or procedure modifications
 Reformulation or redesign of products Substitution of less toxic raw materials
 Improvements in inventory control Improvements in maintenance/housekeeping practices
 Other (explain): _____

3. Our (optional) voluntary recycling goal for Chemical #1 is to increase the amount of waste Chemical #1 recycled from a baseline amount of 0 in 01/2003, to an increased recycled quantity of 18096 by 12/2004.
(x lbs/year) (month/year) (x lbs/year) (month/year)

4. To accomplish this recycling goal, we will explore: (check all that apply)
 Direct use/reuse in a process to make a product Process the waste to recover or regenerate a usable product
 Use/reuse as a substitute for a commercial product Other (explain): _____

GOAL # ___ : Chemical Name: _____ **CASRN:** _____

Narrative description of proposed project (and the mechanism you will use to measure success): _____

1. Our voluntary source reduction goal for Chemical # ___ is to reduce the amount of this chemical generated in hazardous waste from a baseline amount of: _____ in _____, to a reduced amount of _____, by _____.
(x pounds generated/yr) (month/year) (x pounds generated/ yr) (month/year)

2. To accomplish this goal, we will explore the following source reduction options: (Check all that apply)
 Equipment or technology modifications Process or procedure modifications
 Reformulation or redesign of products Substitution of less toxic raw materials
 Improvements in inventory control Improvements in maintenance/housekeeping practices
 Other (explain): _____

3. Our (optional) voluntary recycling goal for Chemical #1 is to increase the amount of waste Chemical #1 recycled from a baseline amount of _____ in _____, to an increased recycled quantity of _____ by _____.
(x lbs/year) (month/year) (x lbs/year) (month/year)

4. To accomplish this recycling goal, we will explore: (check all that apply)
 Direct use/reuse in a process to make a product Process the waste to recover or regenerate a usable product
 Use/reuse as a substitute for a commercial product Other (explain): _____

Company Name:

Project Contact (if different from Company Official):

Phone: